



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/769,594	01/30/2004	Ahmed K. Ezzat	200315891-1	8589

22879 7590 04/19/2007
HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

GYORFI, THOMAS A

ART UNIT	PAPER NUMBER
----------	--------------

2135

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/19/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/769,594	EZZAT, AHMED K.	
	Examiner	Art Unit	
	Tom Gyorfi	2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>5/10/06</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. Claims 1-25 are pending examination.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 5/10/06 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-25 are rejected under 35 U.S.C. 102(b) as being anticipated by Gong (U.S. Patent 6,125,447).

Regarding claims 1, 12, and 17:

Gong discloses a method, computer system and computer readable medium for providing flexible protection by decoupling protection from privilege, comprising: enabling receipt of information describing two or more types of protection (col. 8 line 40 – col. 9, line 37); enabling receipt of information describing a relationship between said two or more types of protection and portions of code that are executed in a same

Art Unit: 2135

privilege level of the computer system, where said relationship is not required to be linear (Ibid; and col. 9, lines 40-53); and enabling the association of said information describing two or more types of protection and said information describing said relationship with said portions of code (Ibid, and col. 10, lines 57-62). Per claim 12, Gong further discloses a memory unit and processor (col. 4, lines 25-45).

Regarding claims 2, 13, and 18:

Gong further discloses wherein said relationship is user-definable (col. 8, lines 45-63, noting that the ability for a user to set permissions on at least one's home directory and the contents therein was known in the art).

Regarding claims 3, 14, and 19:

Gong further discloses wherein said portions of code are domains and each of said types of protections is defined in part by at least one or more domain attributes (col. 9, lines 40-55).

Regarding claims 4 and 20:

Gong further discloses wherein said one or more domain attributes includes a domain identifier that specifies a unique value for a particular domain (col. 9, lines 5-20).

Art Unit: 2135

Regarding claims 5 and 21:

Gong further discloses wherein said one or more domain attributes includes a Private Key that specifies a unique value that a particular domain must use for protecting each user that concurrently uses a particular domain (col. 9, lines 5-37).

Regarding claims 6 and 22:

Gong further discloses wherein said one or more domain attributes includes a SharedCode Key that specifies a value that a particular domain must use to access code associated with another domain (col. 9, lines 25-37).

Regarding claims 7 and 23:

Gong further discloses wherein said one or more domain attributes includes a SharedData Key that specifies a value that a particular domain must use to access data associated with another domain (Ibid).

Regarding claims 8 and 24:

Gong further discloses wherein said one or more domain attributes includes a AllowOthers Key that specifies a value that a particular domain must use to access code associated with another domain in conjunction with said particular domain performing cross-domain switching to said other domain (col. 9, lines 25-37; col. 10, lines 27-40).

Art Unit: 2135

Regarding claims 9 and 25:

Gong further discloses wherein said one or more domain attributes includes a AccessOthers Key that specifies a value that a particular domain must use to request access of code associated with a particular domain on behalf of another domain (col. 9, lines 25-37; col. 10, lines 1-17).

Regarding claims 10 and 15:

Gong discloses a method and computer system for providing flexible protection by decoupling protection from privilege, comprising: detecting a request from a first portion of code to access a second portion of code, wherein said first and second portions of code are executed in a same privilege level of said computer system (col. 9, lines 54-67; col. 11, lines 40-65); determining whether said first portion of code is allowed to access said second portion of code based on information describing two or more types of protection and also based on information describing a relationship between said two or more types of protection, wherein said relationship is not required to be linear (col. 8, line 40 – col. 9, line 37); if said relationship specifies that said first portion of code may access said second portion of code, then allowing said first portion of code to access said second portion of code (col. 12, lines 54-67); else not allowing said first portion of code to access said second portion of code (Ibid). Per claim 15, Gong further discloses a memory unit and processor (col. 4, lines 25-45).

Regarding claims 11 and 16:

Gong further discloses wherein said information describing said two or more types of protection and said information describing said relationships are associated with said portions of code and wherein the method further comprises retrieving said information describing said two or more types of protection and said information describing said relationships (col. 12, lines 10-40).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- U.S. Patent 7,131,143 to La Macchia et al.
- U.S. Patent 7,089,242 to Chan et al.
- U.S. Patent 6,915,338 to Hunt et al.
- U.S. Patent 6,691,230 to Bardon

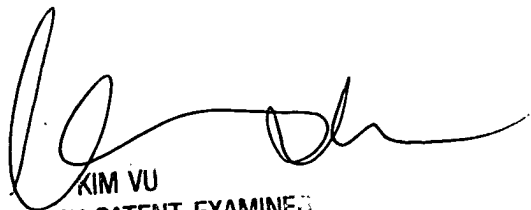
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tom Gyorfi whose telephone number is (571) 272-3849. The examiner can normally be reached on 8:30am - 5:00pm Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2135

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TAG
4/12/07



KIM VU
TECHNOLOGY PATENT EXAMINER
TECHNOLOGY CENTER 2100